

CONTINUOUS ALLOCATION  
OF REAL-TIME TRAFFIC IN A  
TELECOMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

5           A method for continuous allocation of real-time (e.g.,  
speech) traffic in a communication system is disclosed, whereby  
a network allocates, for a timeslot or other medium, a unique  
radio block for real-time traffic that immediately succeeds a  
control block (or block otherwise non-allocable for real-time  
10 traffic) which is also allocated for that timeslot. The unique  
radio block is allocated to carry the unit of real-time traffic  
displaced by the control block, along with the next unit of  
real-time traffic. The two units of real-time traffic in the  
allocated radio block are each conveyed in a half-rate mode,  
15 while the real-time traffic in a normal radio block is conveyed  
in a full-rate mode. In this way, the output signals of, for  
example, a speech codec can be continuously allocated for  
transmission.